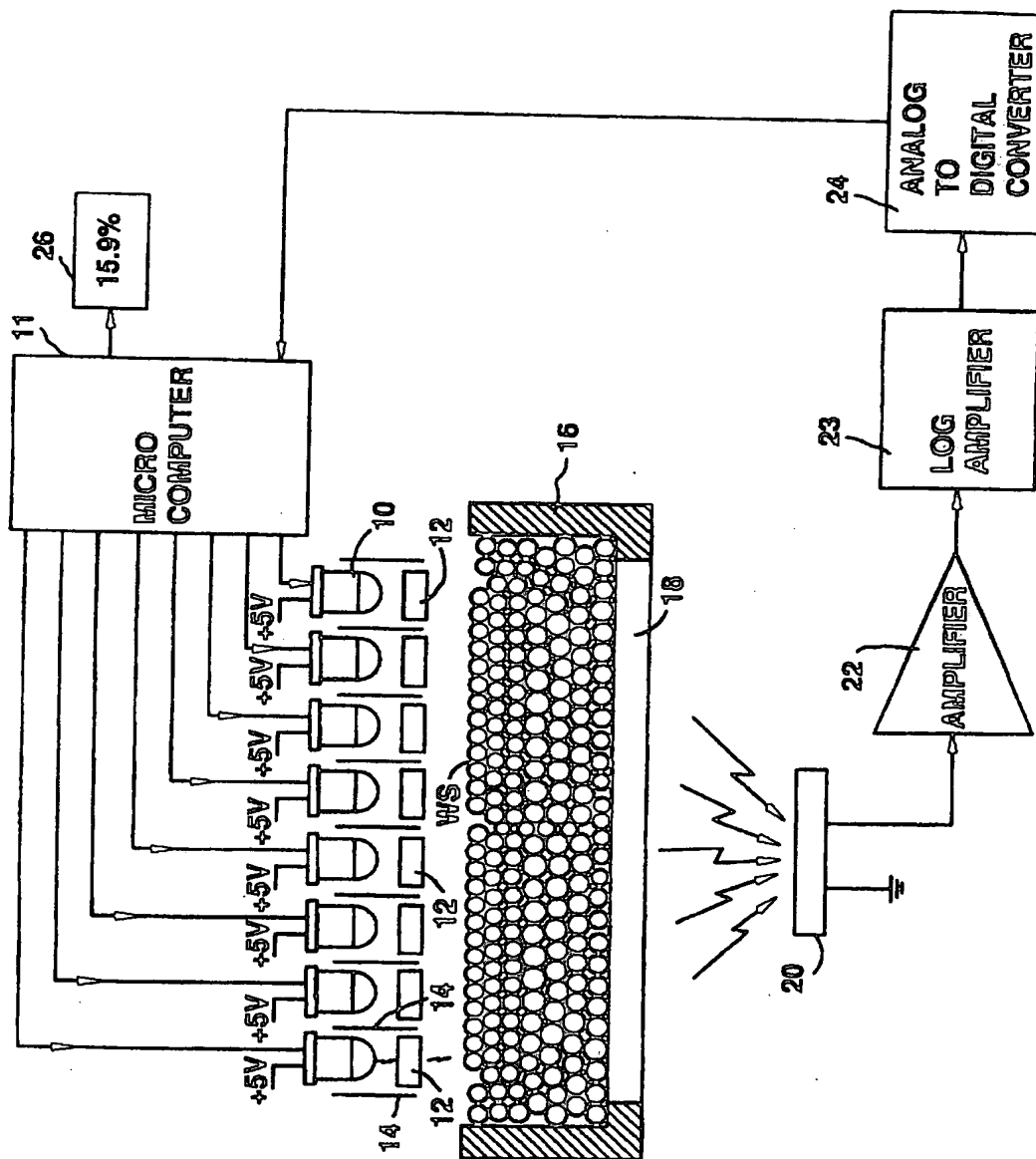


FIG. 1 (Prior Art)



004720" 94071960

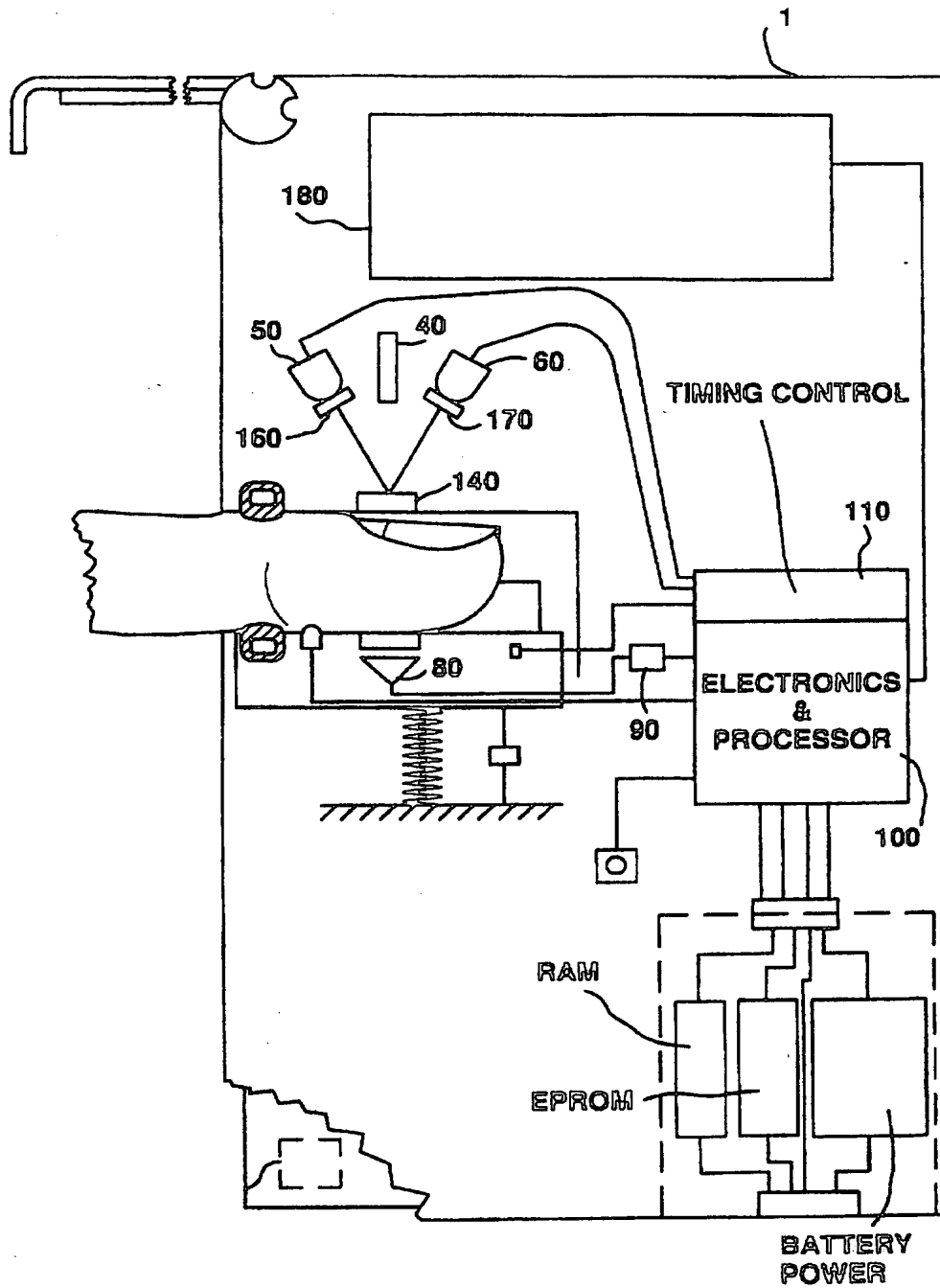


FIG. 2 (Prior Art)

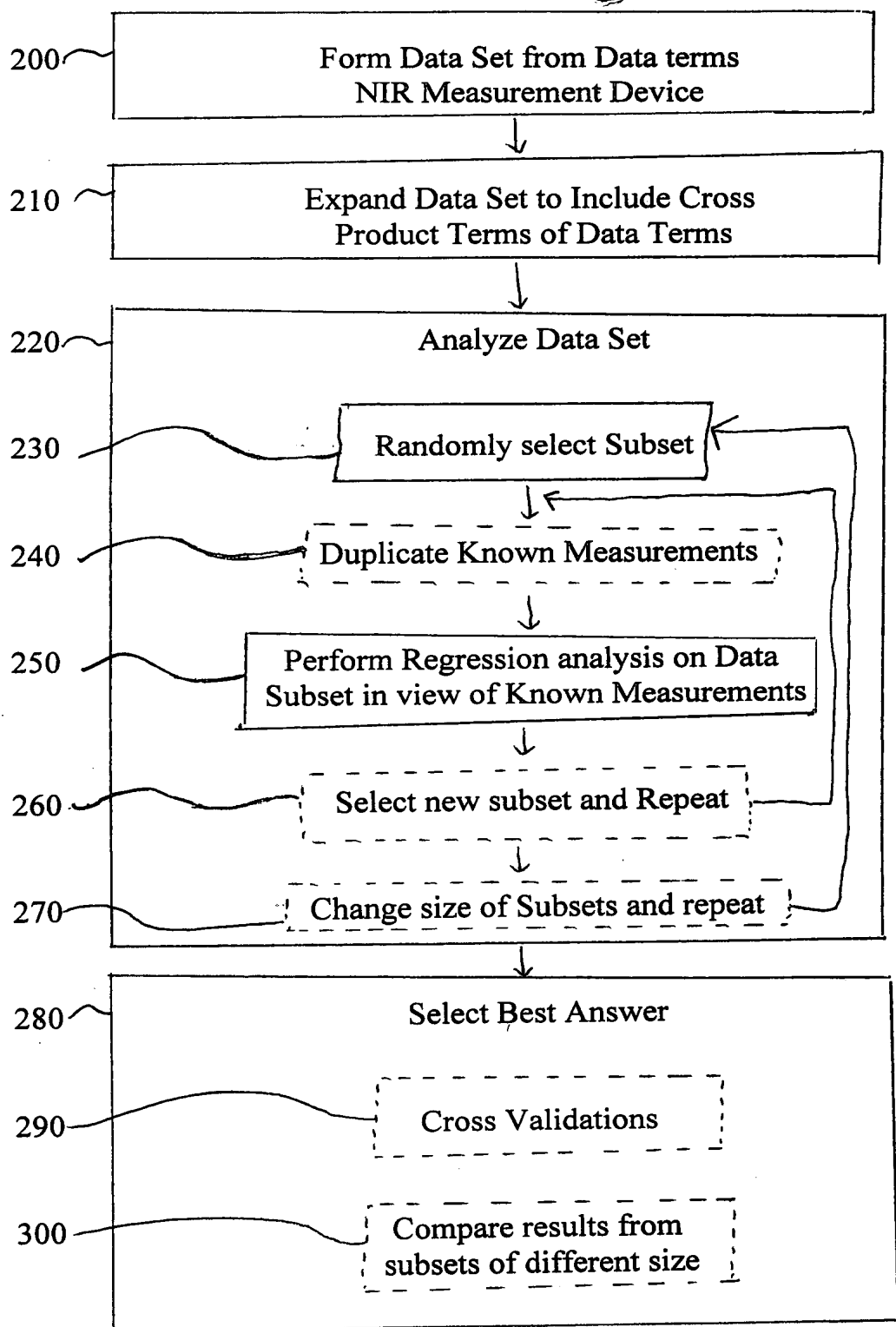
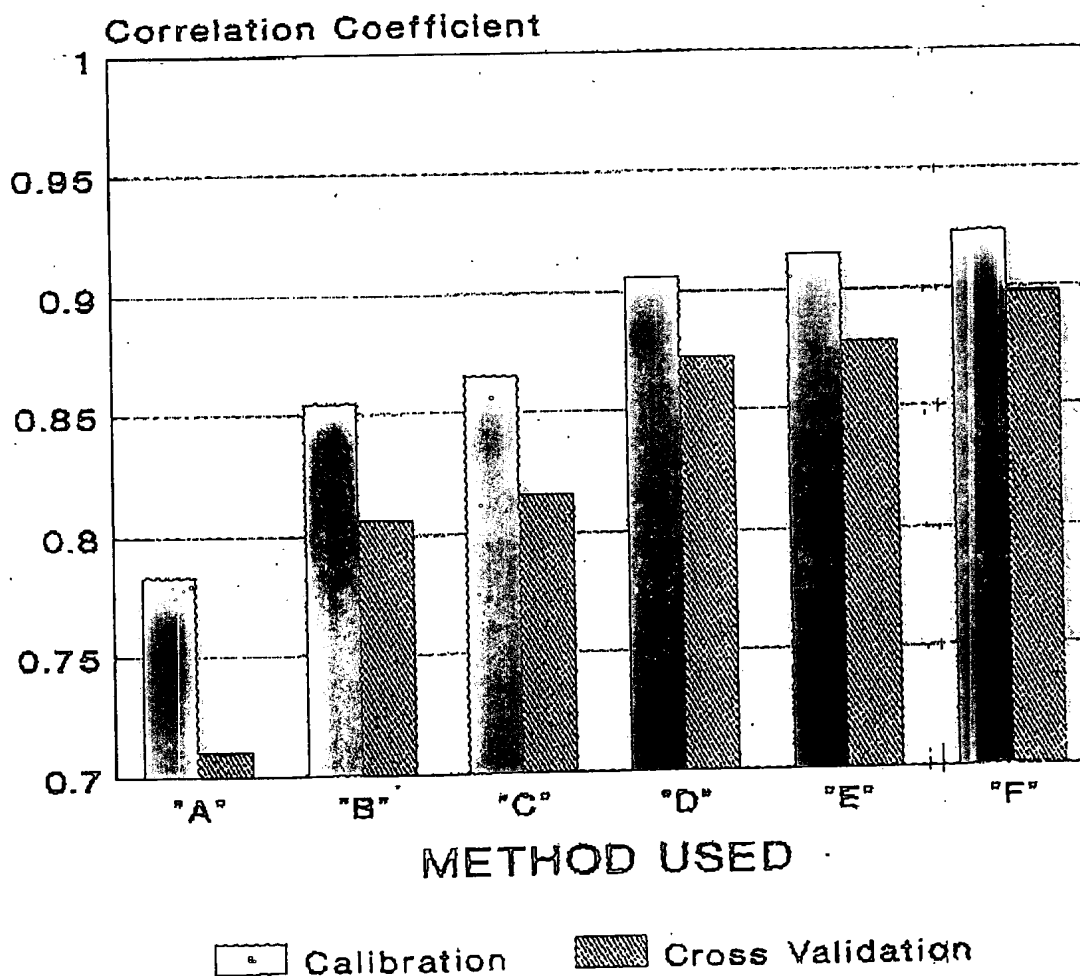


FIG. 3

FIG.4

# Different Methods Of Calibration File=030AMCG.ALL; 169 Samples

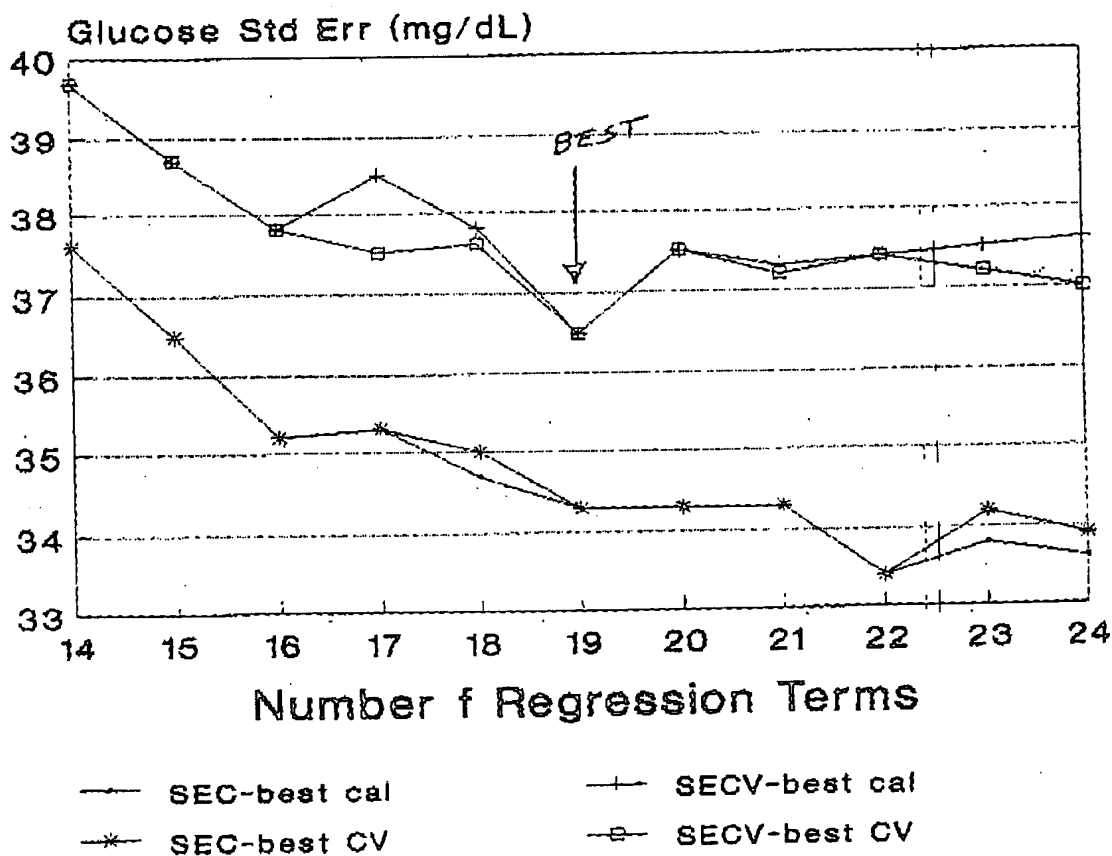


"A"=1st Order (14 OD); "B"=1st+2nd Order  
 "C"=1+2+3 Order; "D"=A"+Pulse+Td;  
 "E"=1+2+P+Td; "F"="B"+P+Td J121B

00470946.071400

FIG. 5

# SEC Vs. SECV Using The 10 Best Calibrations Using 1st, 2nd, and 3rd Order Terms

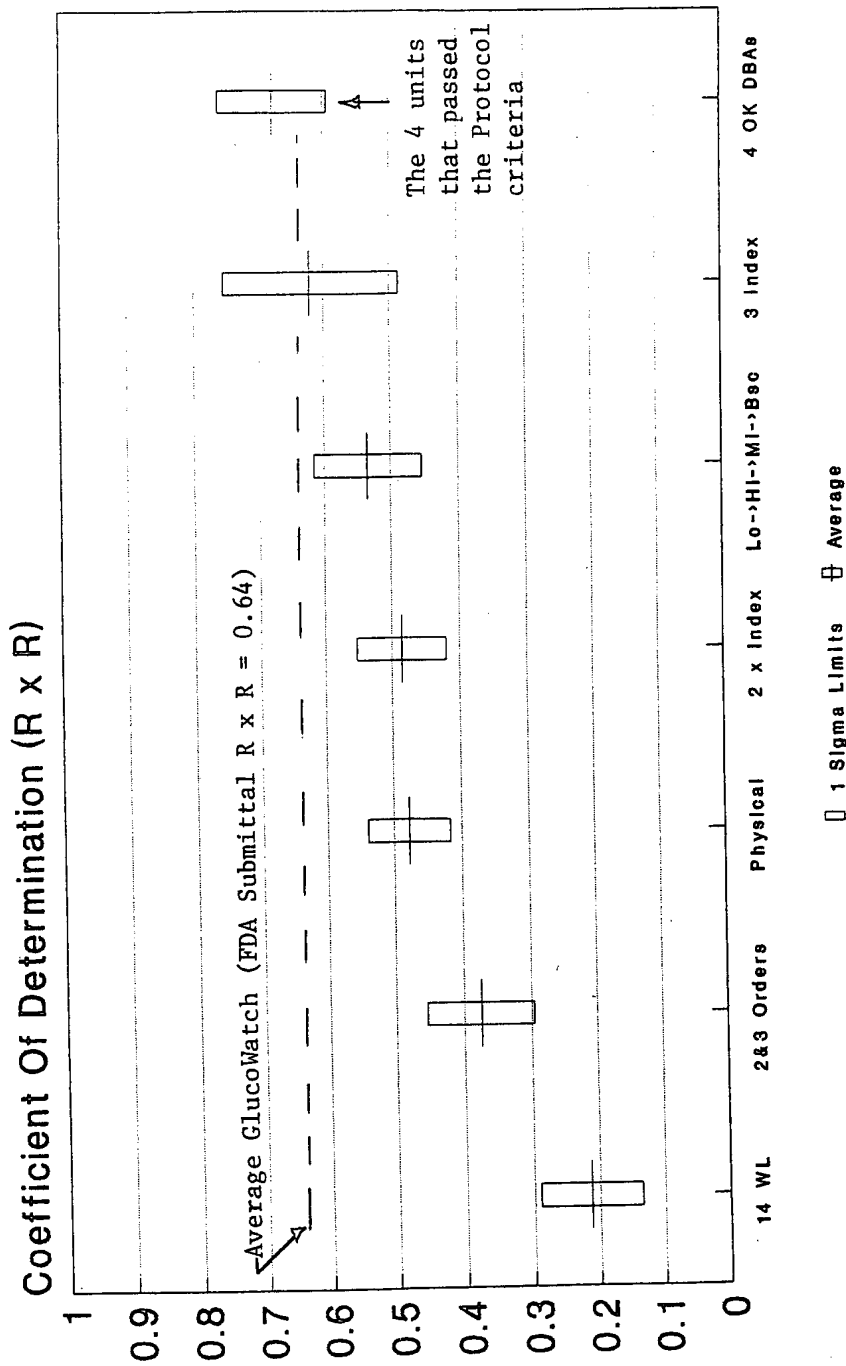


J120 Using cal file 039amcg.all. Used Monte Carlo with 1,000,000 random WL regressions. (Analysis done 9/99)

004720" 9407960

CONFIDENTIAL

# Different Calibration Approaches Using Six DBAs Chosen at Random



For Units 1002, 1012, 1020, 1021, 3013 and 3015. 20 variables were used for all analyses except for the 14WL. File: J400